

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100440.D
 Acq On : 11 Nov 2017 15:02
 Operator : SJ/JU
 Sample : I6407-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4632

Manual Integrations
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 11/13/2017 4:54:22 PM

Quant Time: Nov 13 03:22:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	152049	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	537465	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	204062	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	352721	20.00	ng	0.00
75) Chrysene-d12	14.07	240	329708	20.00	ng	0.00
86) Perylene-d12	15.55	264	240697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1010007	106.48	ng	0.01
7) Phenol-d6	6.53	99	1200978	102.68	ng	0.00
23) Nitrobenzene-d5	7.47	82	728736	89.64	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	220955	106.26	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1153758	86.09	ng	0.00
78) Terphenyl-d14	13.02	244	966196	67.33	ng	0.00
Target Compounds						
10) Phenol	6.54	94	59485	4.844	ng	86
49) Dimethylphthalate	9.65	163	70207	4.506	ng	99
70) Phenanthrene	11.45	178	97227	5.235	ng	99
74) Fluoranthene	12.64	202	202590	10.293	ng	97
77) Pyrene	12.87	202	182738	7.775	ng	98
80) Benzo(a)anthracene	14.06	228	100219	5.048	ng	97
82) Chrysene	14.09	228	79169	4.118	ng	96
87) Benzo(b)fluoranthene	15.12	252	73788m	5.174	ng	
89) Benzo(a)pyrene	15.49	252	47475	3.755	ng	# 95
91) Benzo(g,h,i)perylene	17.50	276	25301	2.500	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

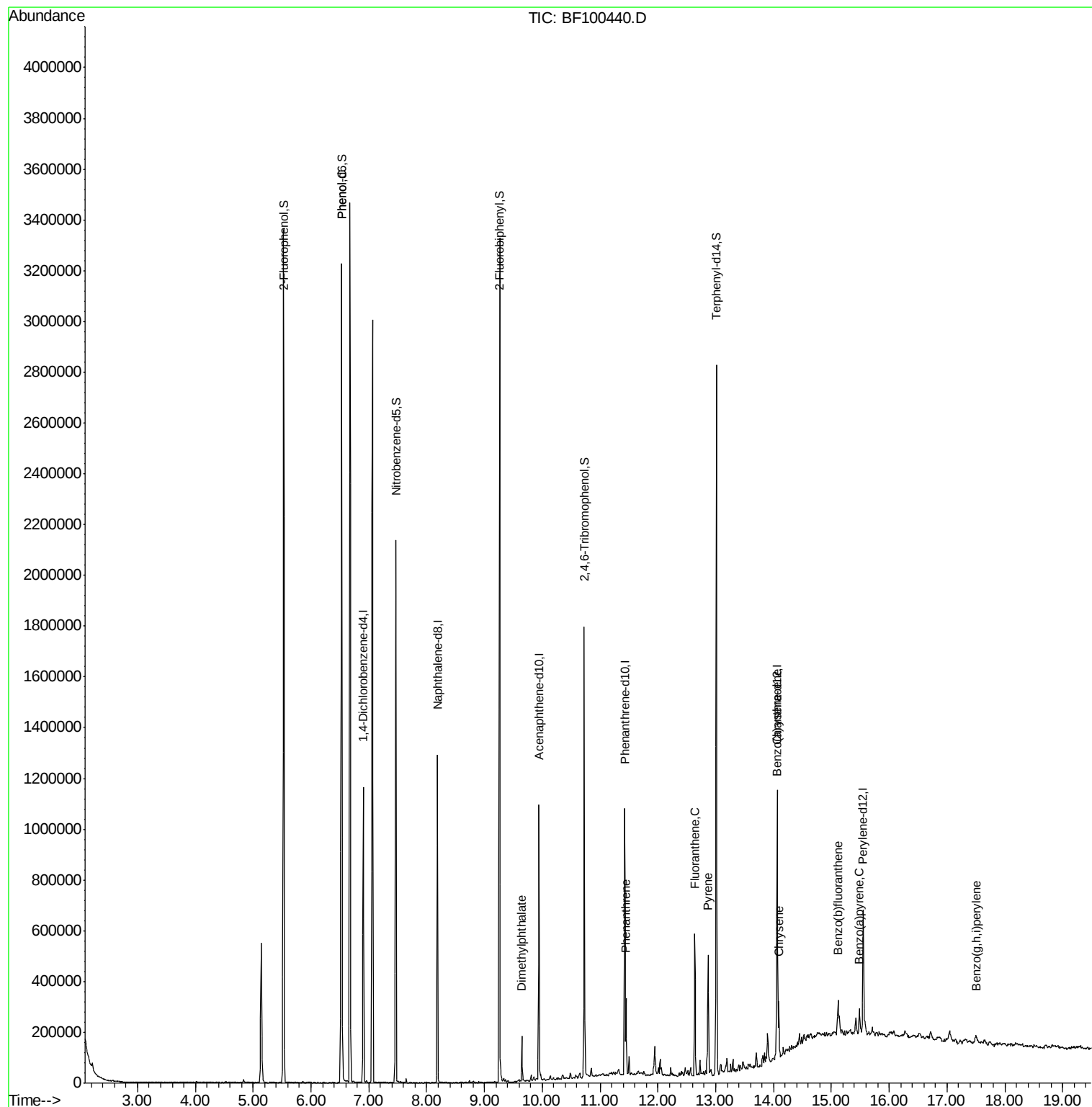
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100440.D
Acq On : 11 Nov 2017 15:02
Operator : SJ/JU
Sample : I6407-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

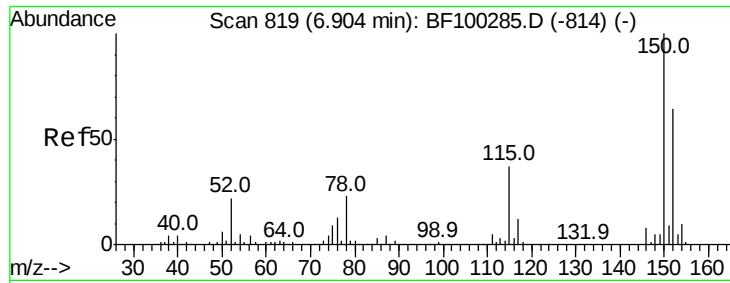
Instrument :
BNA_F
ClientSampleId :
4632

Manual Integrations
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Quant Time: Nov 13 03:22:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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#1

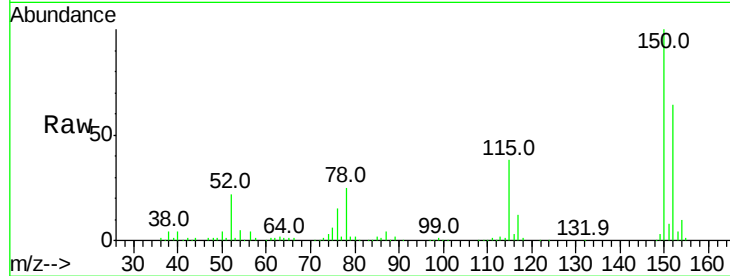
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Instrument :
BNA_F
ClientSampled :
4632

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	59.0	50.1	75.1

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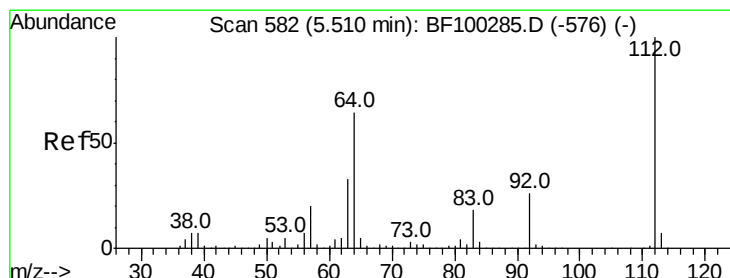
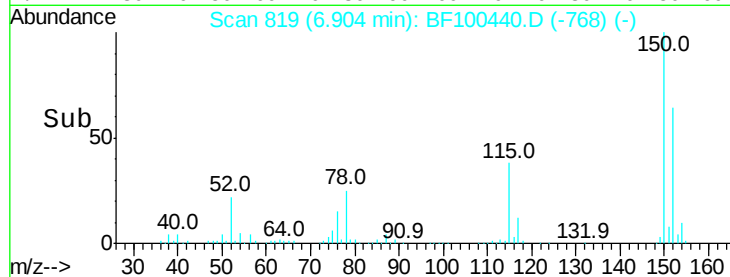
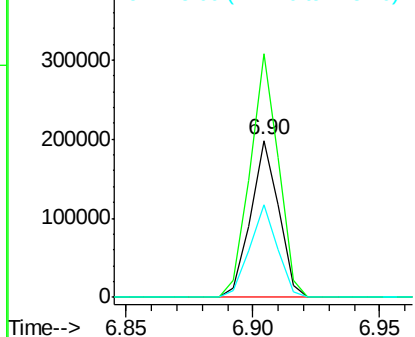


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

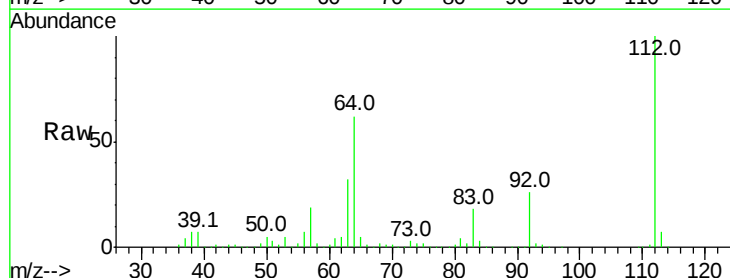
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.481 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	32.2	23.7	35.5

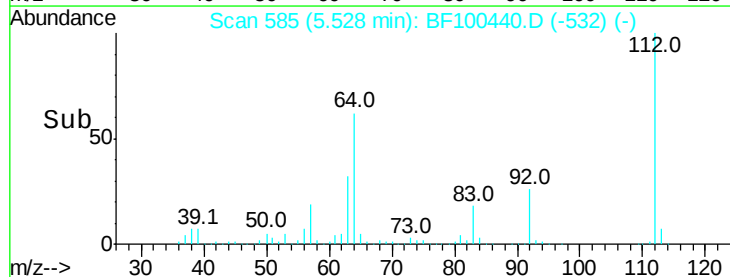
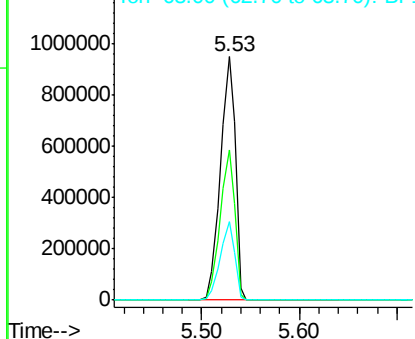


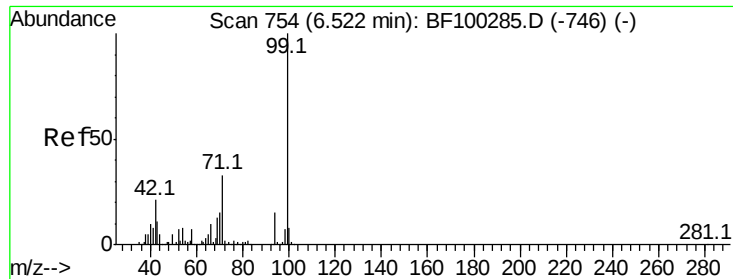
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.677 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100440.D

Acq: 11 Nov 2017 15:02

Instrument :

BNA_F

ClientSampled :

4632

Tot Ion: 99 Resp: 1200978

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

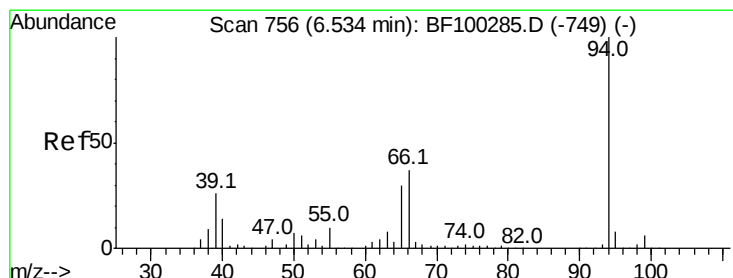
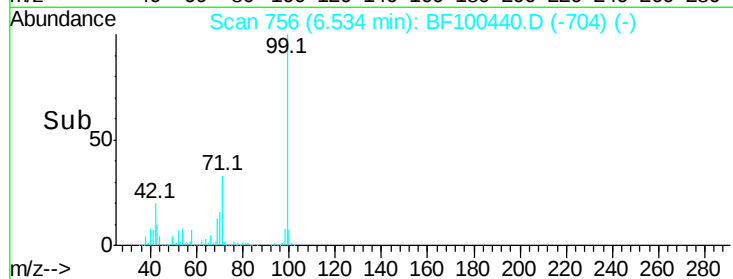
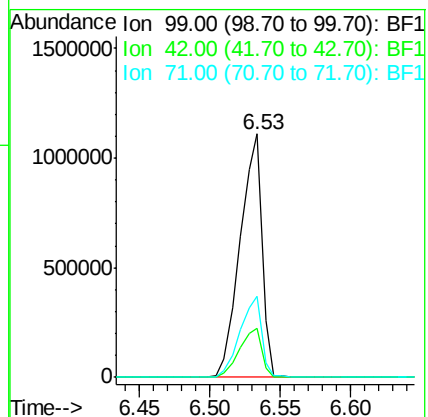
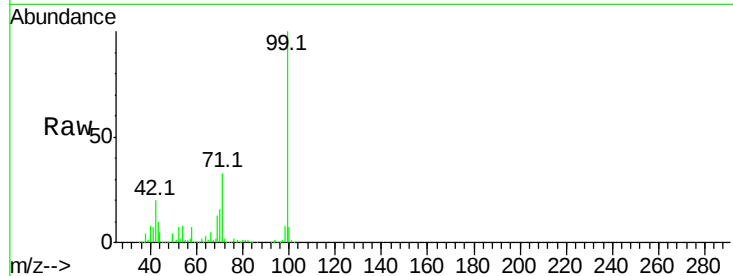
71 33.4 25.4 38.0

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#10

Phenol

Concen: 4.844 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100440.D

Acq: 11 Nov 2017 15:02

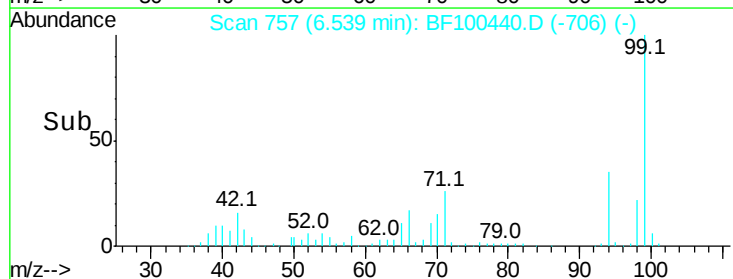
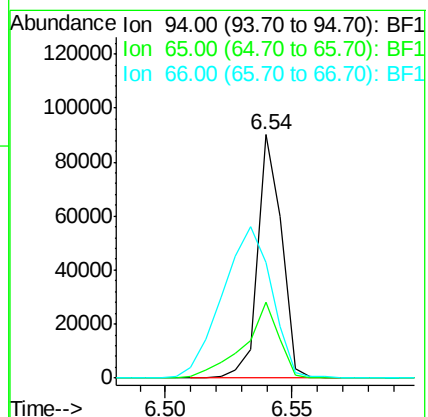
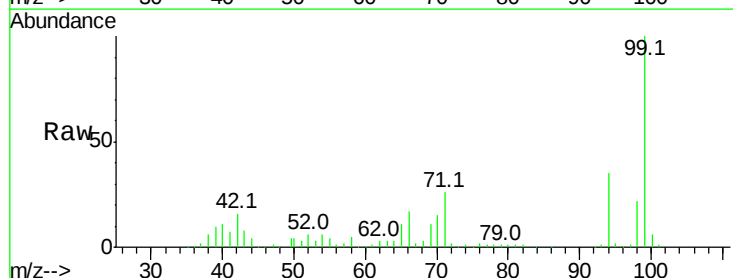
Tgt Ion: 94 Resp: 59485

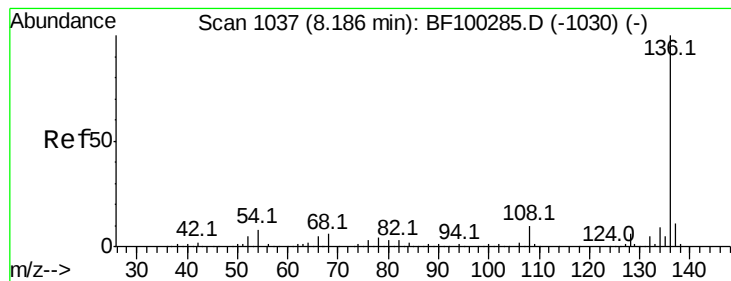
Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

66 47.6 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100440.D

Acq: 11 Nov 2017 15:02

Instrument :

BNA_F

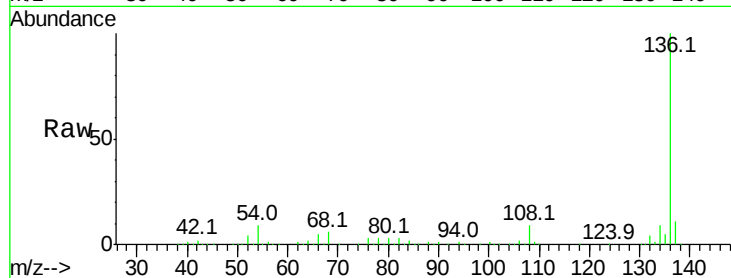
ClientSampled :

4632

Tot Ion	Ratio	Resp	Lower	Upper
136	100	537465		
137	10.8		8.9	13.3
54	8.9		6.6	9.8
68	6.3		5.0	7.4

Manual Integrations
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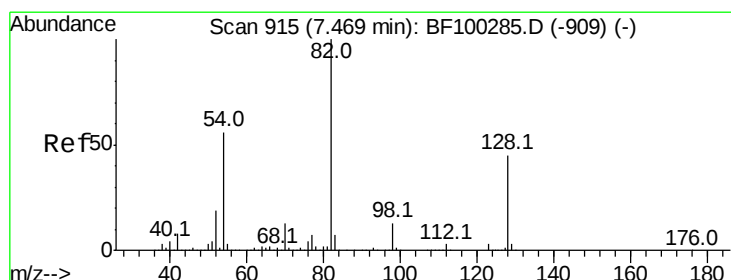
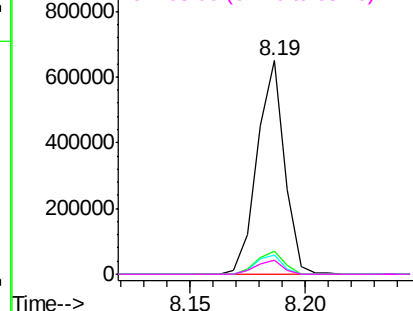
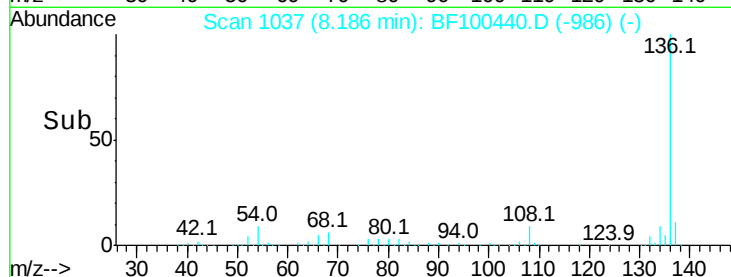


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 89.642 ng

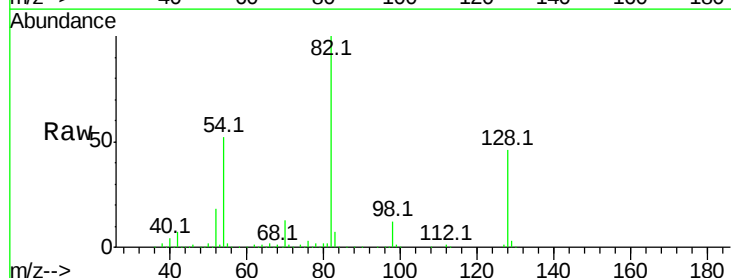
RT: 7.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF100440.D

Acq: 11 Nov 2017 15:02

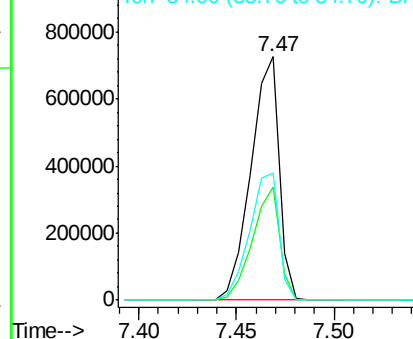
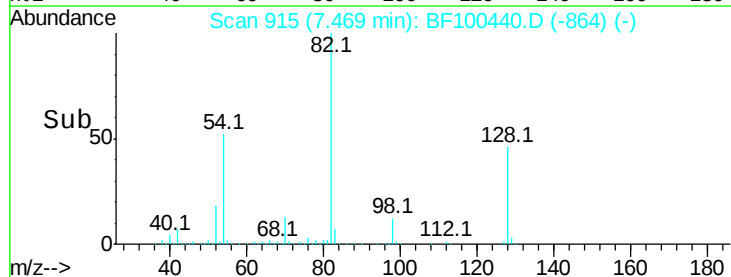
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	728736		
128	46.3		36.1	54.1
54	52.4		41.4	62.2

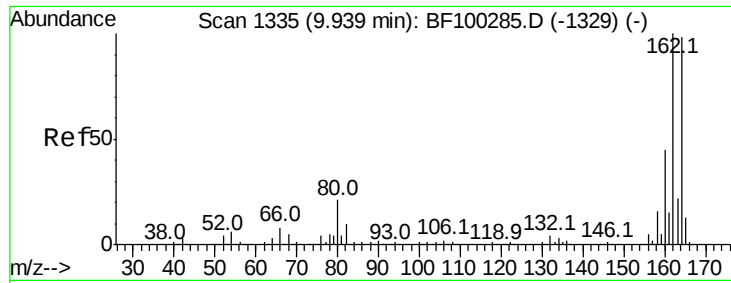


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





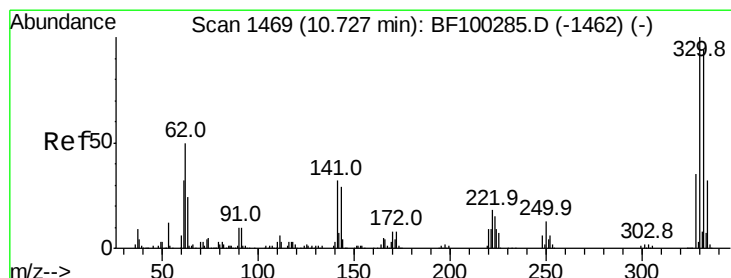
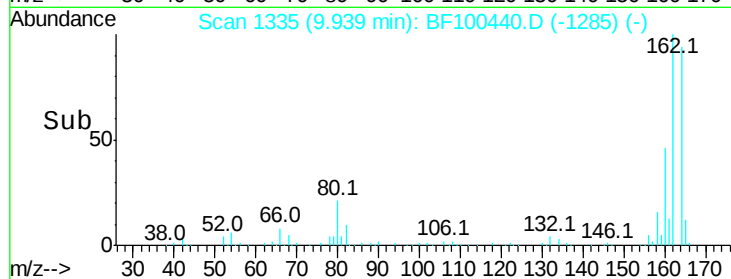
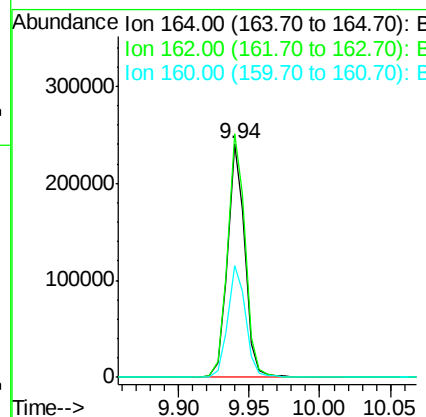
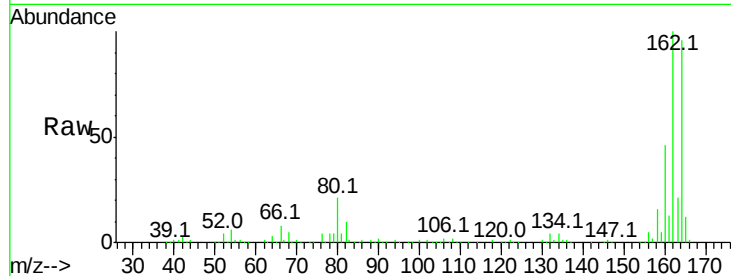
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :
4632

Tot Ion	Ratio	Resp	Lower	Upper
164	100	204062		
162	104.3	86.1	129.1	
160	47.7	38.3	57.5	

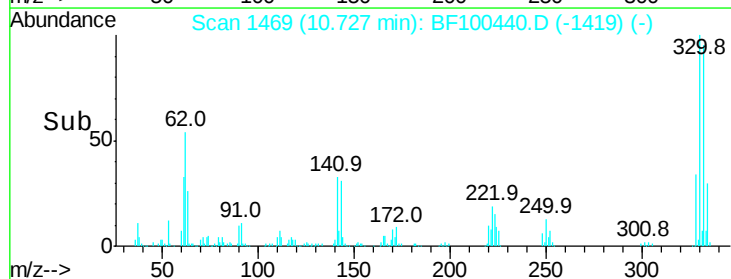
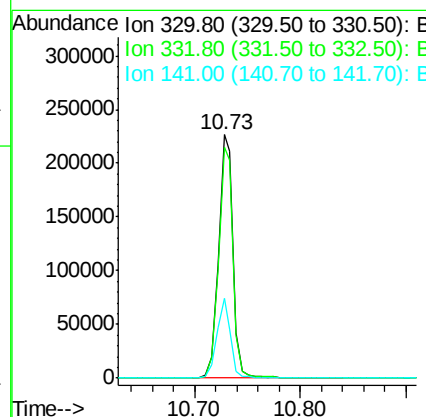
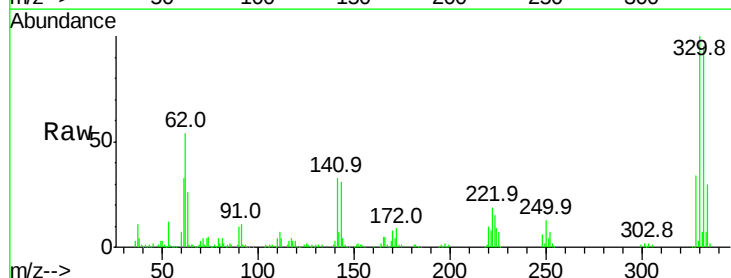
Manual Integrations
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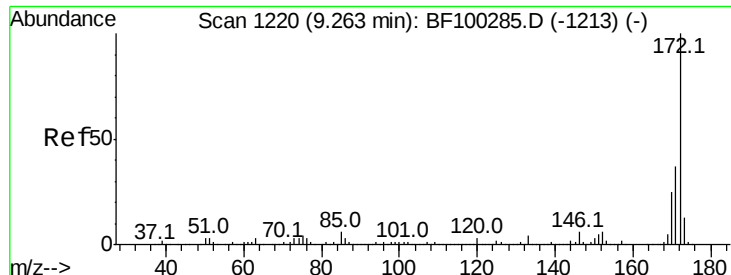
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#41
2,4,6-Tribromophenol
Concen: 106.259 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	220955		
332	95.7	77.0	115.6	
141	30.8	29.9	44.9	





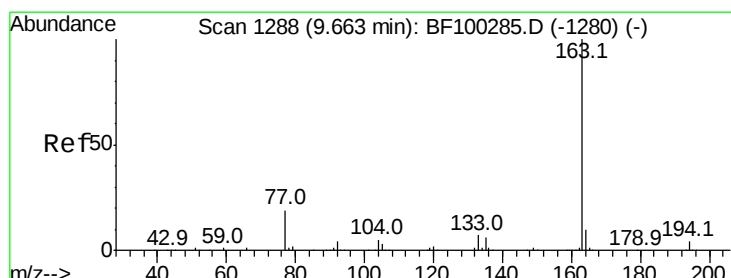
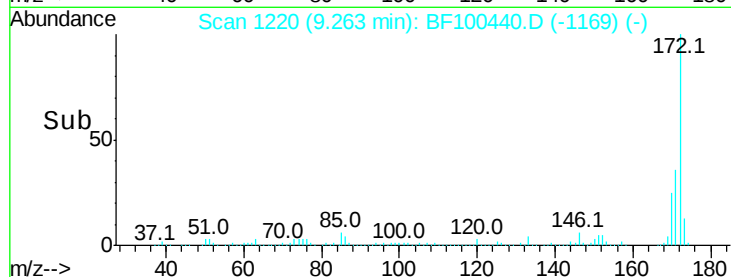
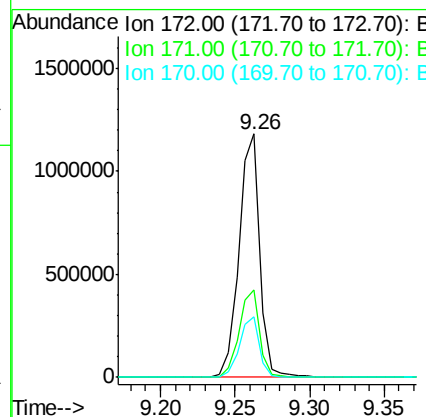
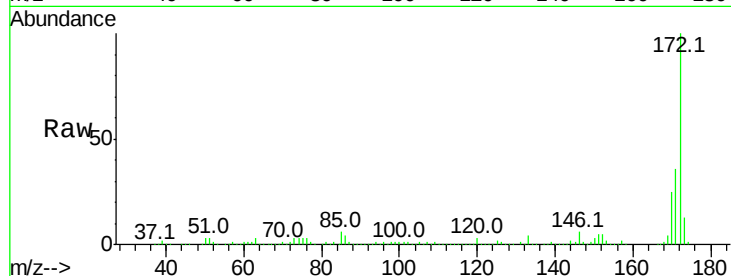
#44
2-Fluorobiphenyl
Concen: 86.093 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :
4632

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.8	19.6	29.4

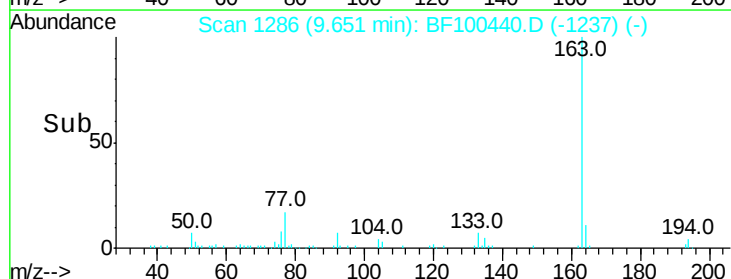
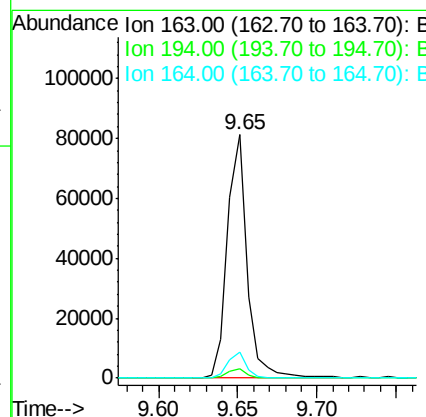
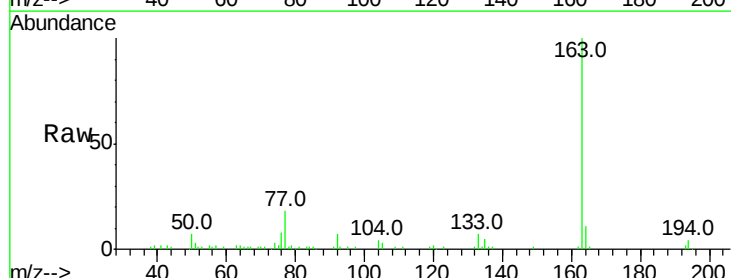
Manual Integrations
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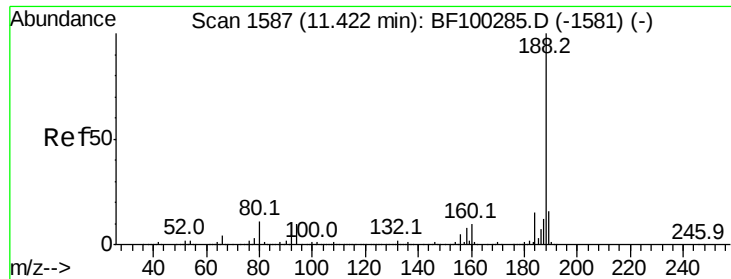
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#49
Dimethylphthalate
Concen: 4.506 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.6	8.2	12.2





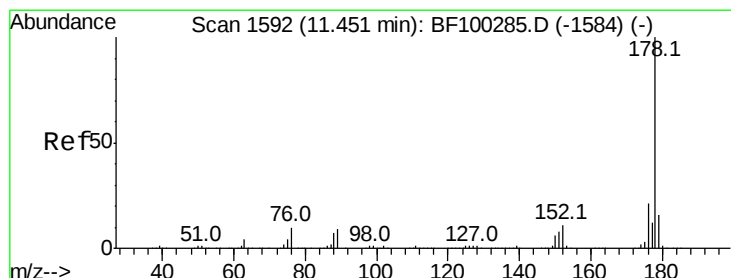
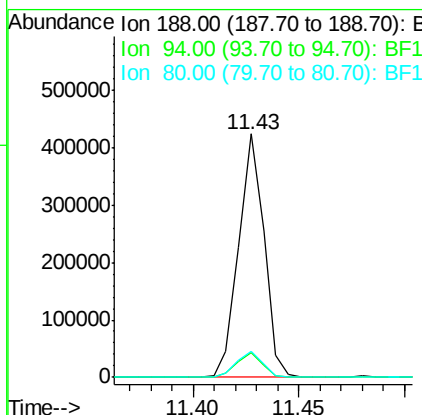
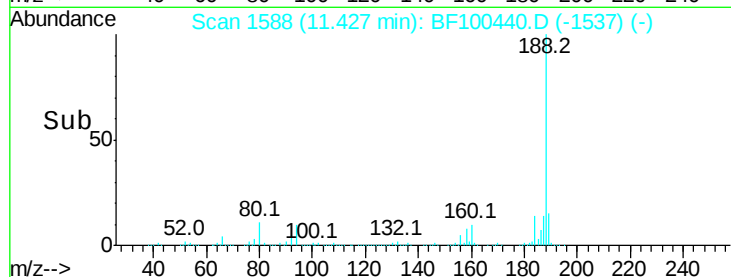
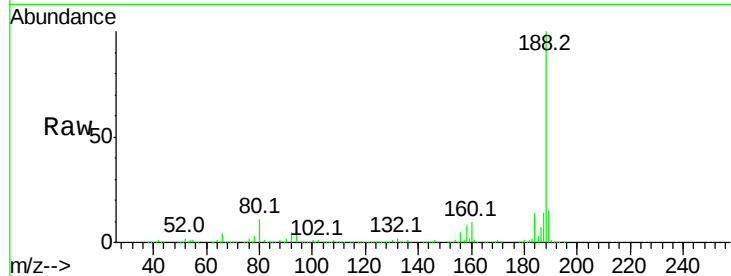
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Instrument :
BNA_F
ClientSampled :
4632

Tot Ion	Ratio	Resp	Lower	Upper
188	100	352721		
94	10.0		8.5	12.7
80	10.6		9.2	13.8

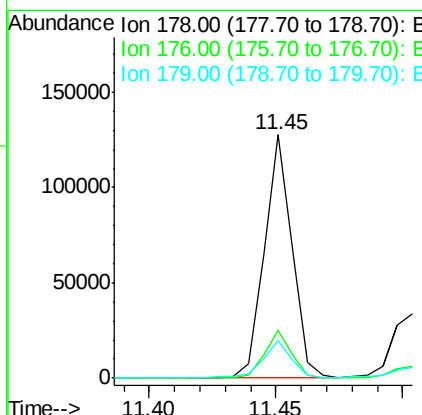
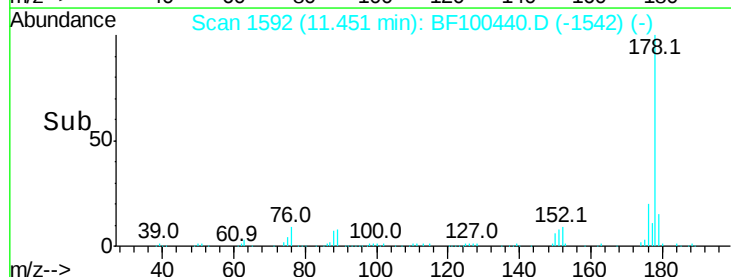
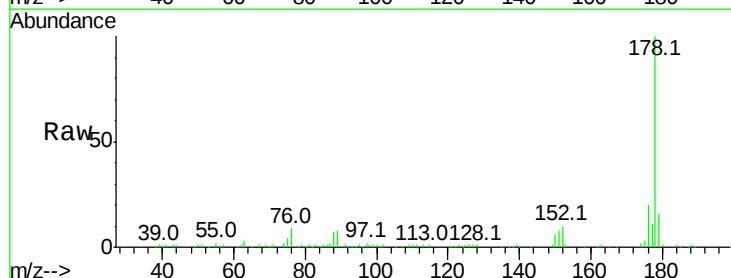
Manual Integrations
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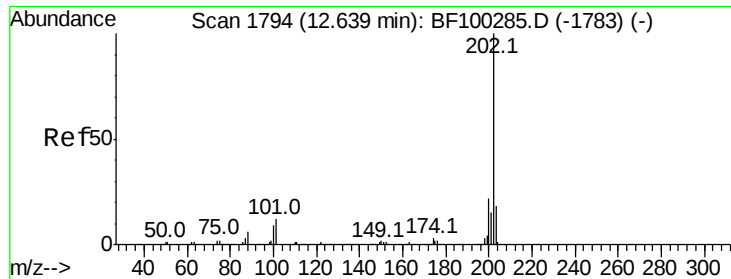
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11/13/2017 4:54:22 PM



#70
Phenanthrene
Concen: 5.235 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	97227		
176	19.8		15.8	23.8
179	15.6		13.0	19.6





#74

Fluoranthene

Concen: 10.293 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF100440.D

Acq: 11 Nov 2017 15:02

Instrument :

BNA_F

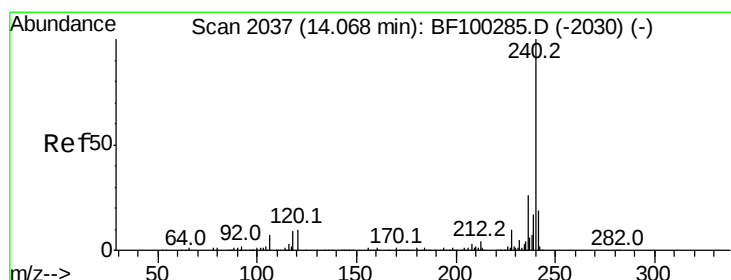
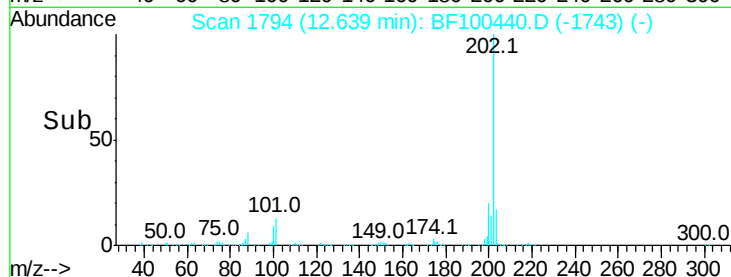
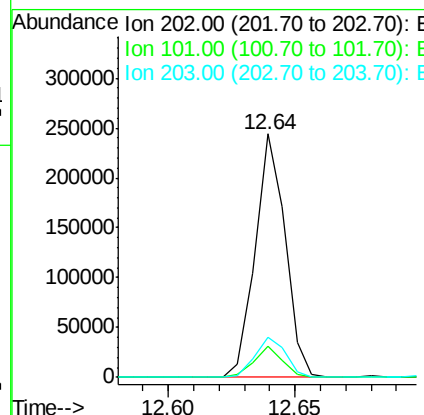
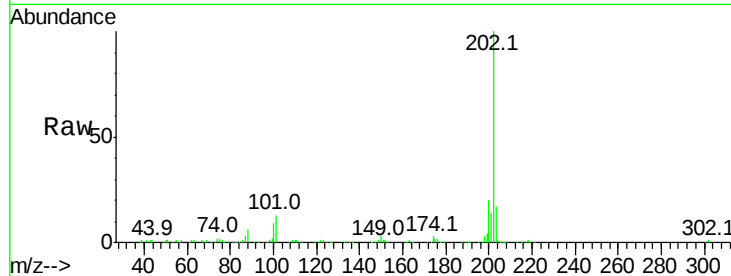
ClientSampleId :

4632

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	0.0	34.1
203	16.6	0.0	38.1

Manual Integrations
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11/13/2017 4:54:22 PM



#75

Chrysene-d12

Concen: 20.000 ng

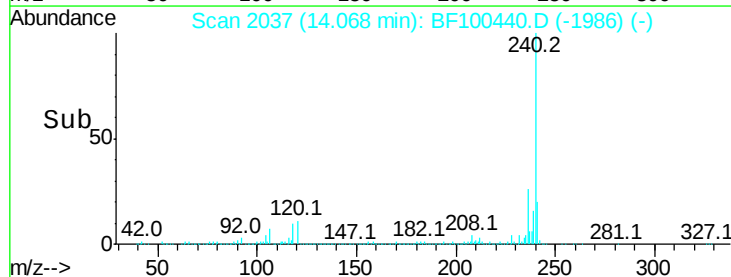
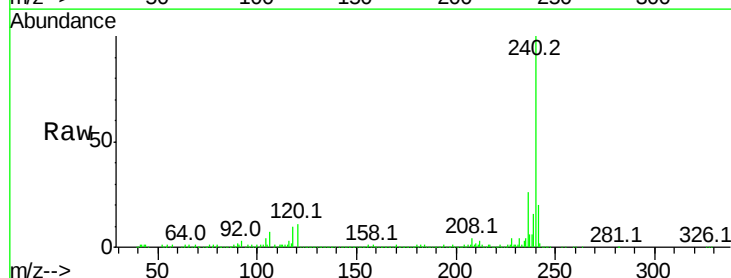
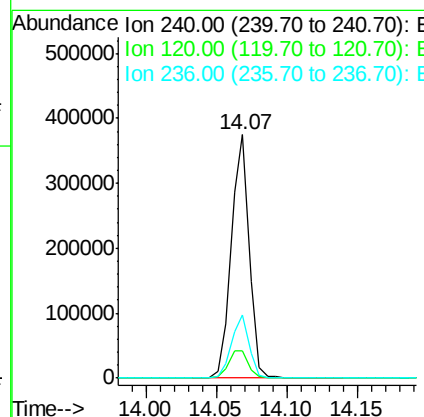
RT: 14.07 min Scan# 2037

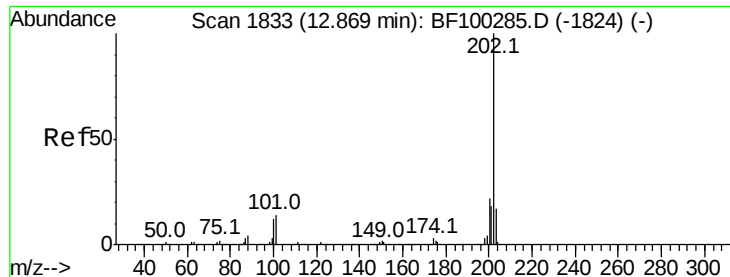
Delta R.T. -0.00 min

Lab File: BF100440.D

Acq: 11 Nov 2017 15:02

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.7	20.7	31.1





#77

Pvrene

Concen: 7.775 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100440.D

Acq: 11 Nov 2017 15:02

Instrument :

BNA_F

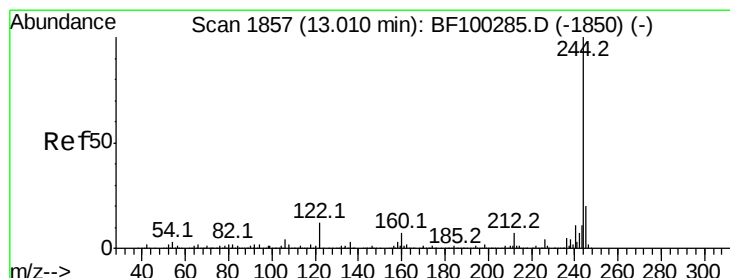
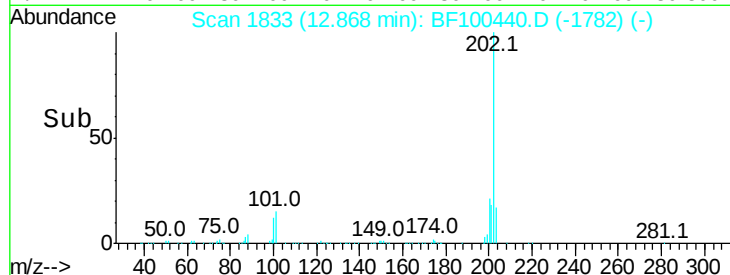
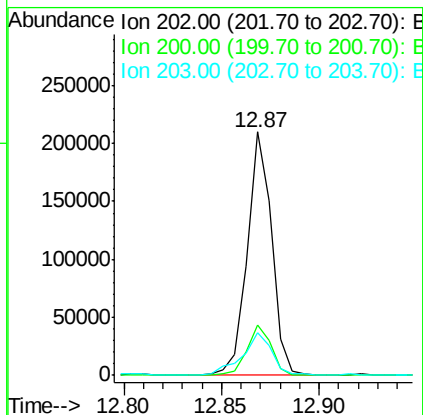
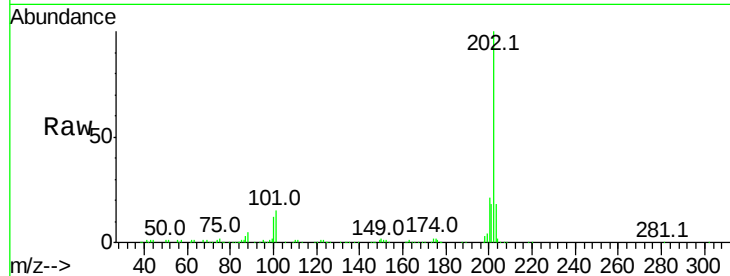
ClientSampled :

4632

Tot Ion:	202	Resp:	182738
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 67.333 ng

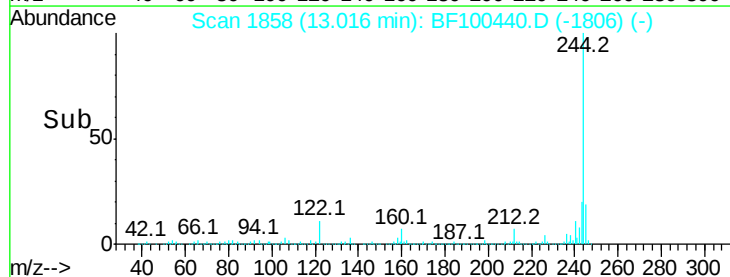
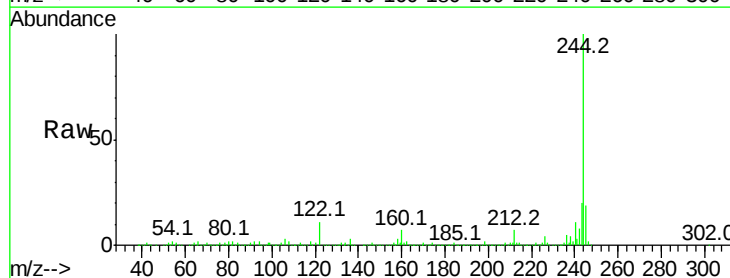
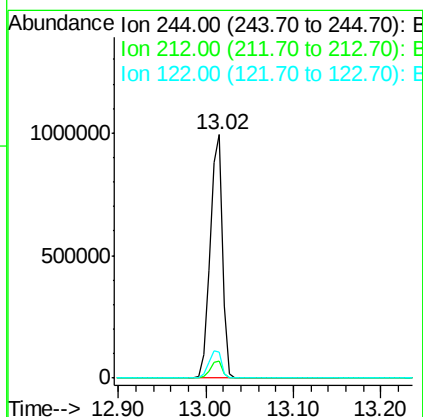
RT: 13.02 min Scan# 1858

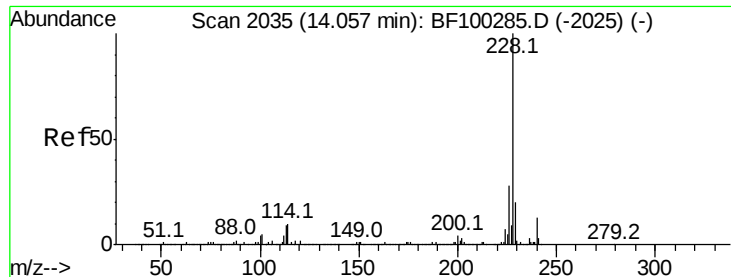
Delta R.T. 0.01 min

Lab File: BF100440.D

Acq: 11 Nov 2017 15:02

Tgt Ion:	244	Resp:	966196
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	10.6	11.0	16.4#





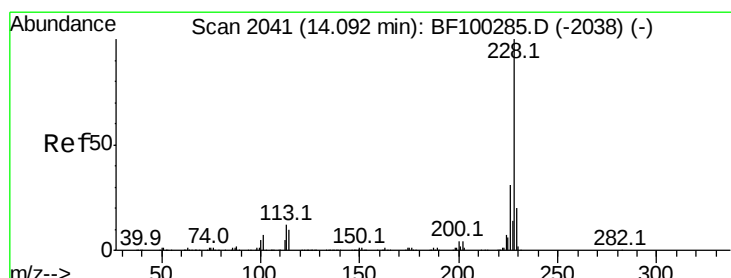
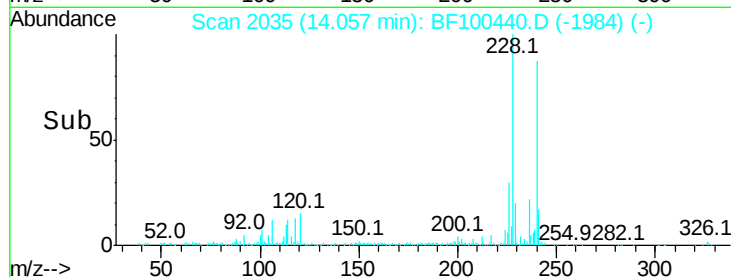
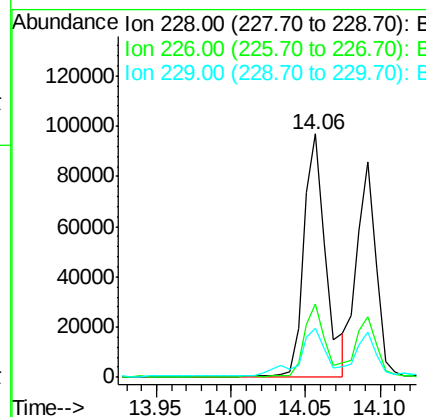
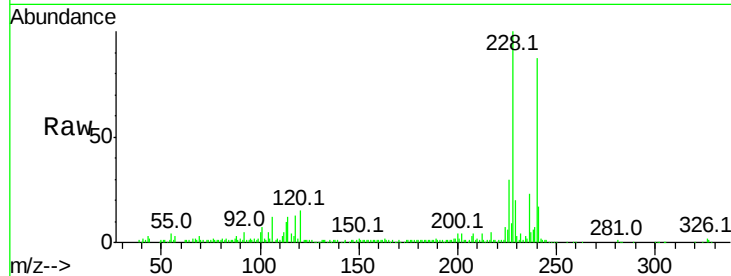
#80
Benzo(a)anthracene
Concen: 5.048 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Instrument :
BNA_F
ClientSampleId :
4632

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.2	15.8	23.6

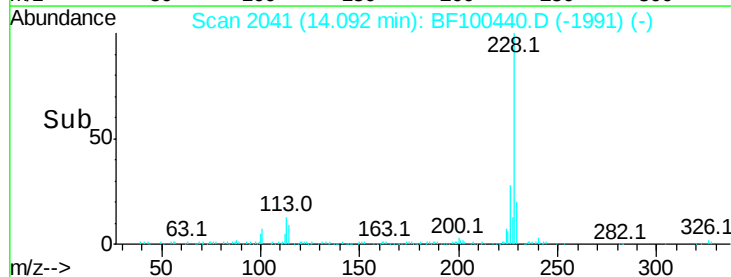
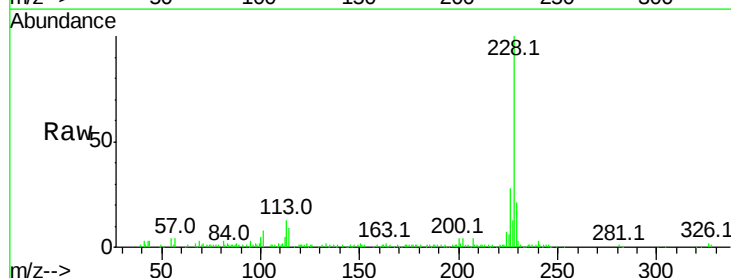
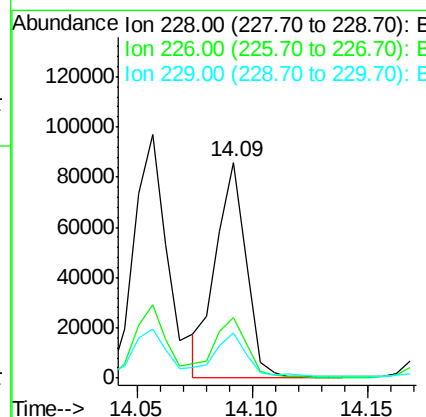
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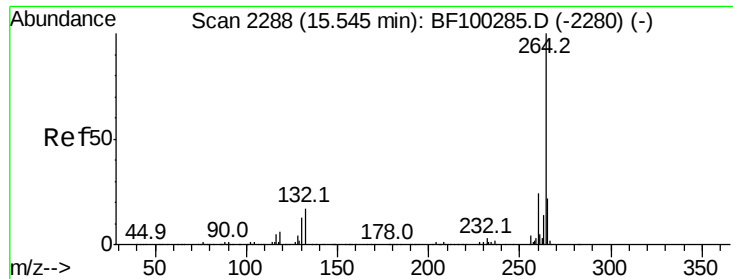
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#82
Chrysene
Concen: 4.118 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	25.0	37.6
229	20.8	16.2	24.4





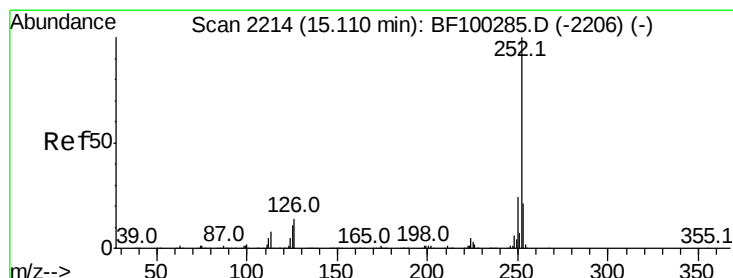
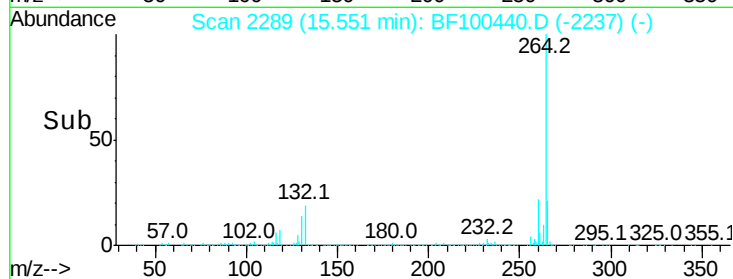
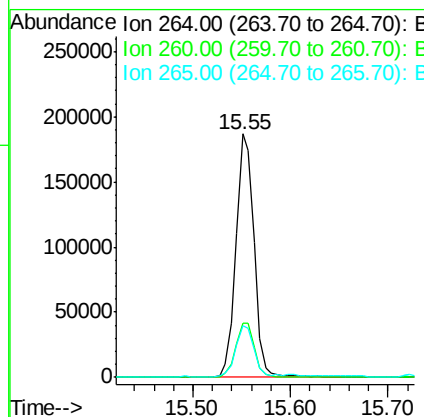
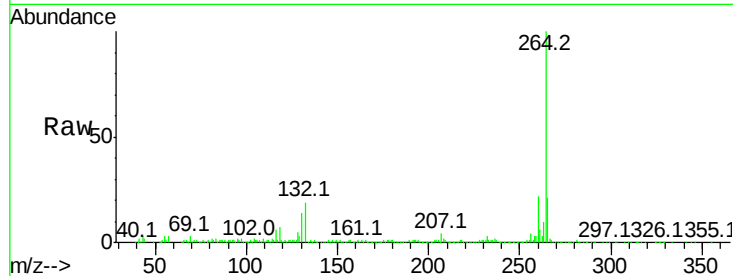
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Instrument :
BNA_F
ClientSampled :
4632

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	22.1	19.2	28.8	
265	21.4	17.5	26.3	

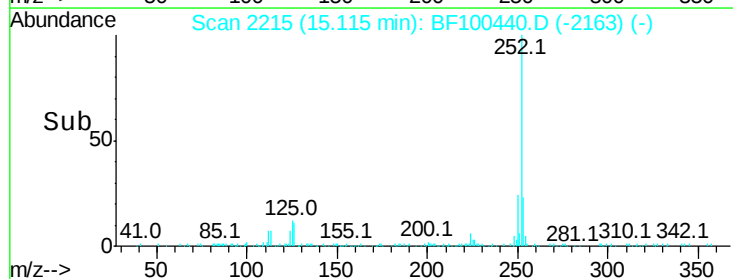
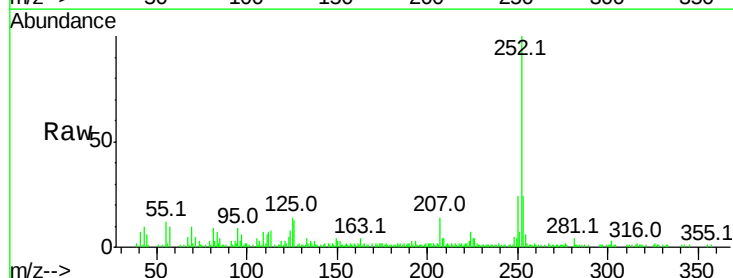
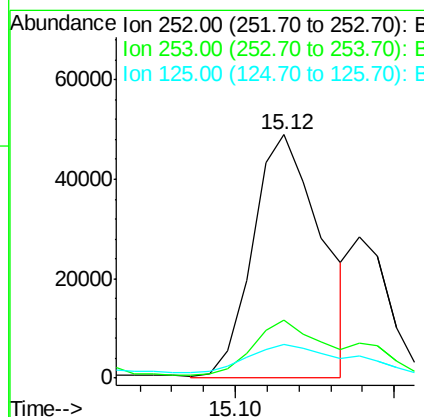
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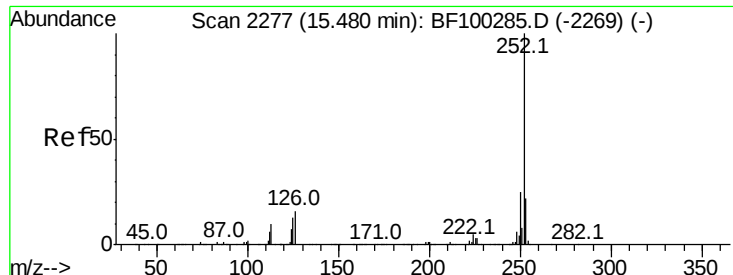
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#87
Benzo(b)fluoranthene
Concen: 5.174 ng m
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.8	17.0	25.6	
125	13.8	9.0	13.6#	





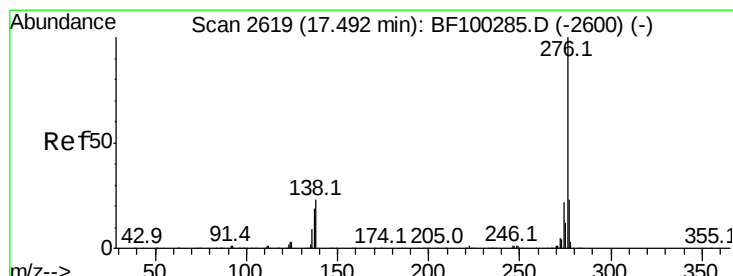
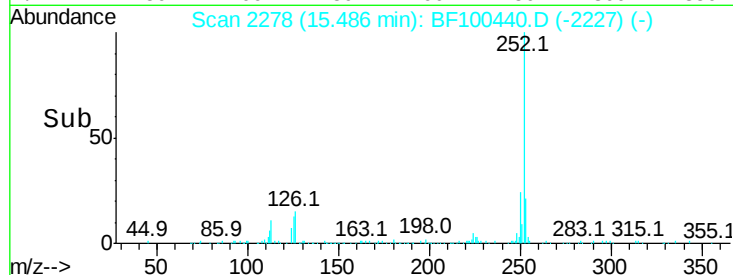
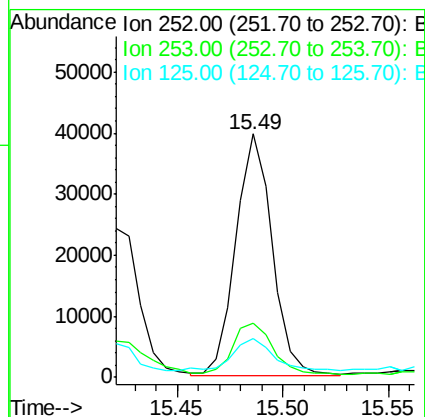
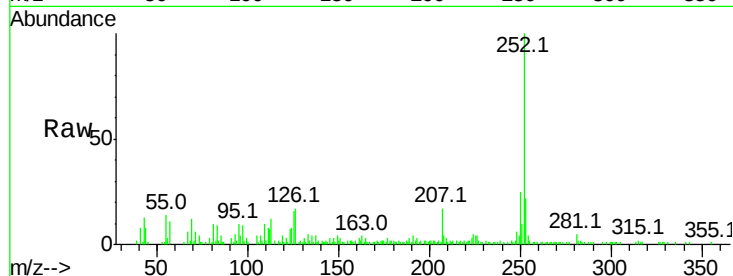
#89
Benzo(a)pyrene
Concen: 3.755 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Instrument :
BNA_F
ClientSampled :
4632

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	16.2	9.8	14.6

Manual Integrations
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11/13/2017 4:54:22 PM



#91
Benzo(g,h,i)perylene
Concen: 2.500 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BF100440.D
Acq: 11 Nov 2017 15:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	29.2	21.8	32.8

